



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231  
www.uspto.gov

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 10/061,880      | 02/01/2002  | Odd N. Oddsen JR.    | INNOFF 3.0-013      | 8871             |

530 7590 08/20/2002

LERNER, DAVID, LITTENBERG,  
KRUMHOLZ & MENTLIK  
600 SOUTH AVENUE WEST  
WESTFIELD, NJ 07090

EXAMINER

STERLING, AMY JO

| ART UNIT | PAPER NUMBER |
|----------|--------------|
|----------|--------------|

3632

DATE MAILED: 08/20/2002

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

10/061,880

Applicant(s)

ODDSEN, ODD N.

Examiner

Amy J. Sterling

Art Unit

3632

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 01 February 2002.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-38 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-38 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on \_\_\_\_\_ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

**Priority under 35 U.S.C. §§ 119 and 120**

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) 5
- 4) ☐ Interview Summary (PTO-413) Paper No(s) \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other:

### **DETAILED ACTION**

This is the first Office Action for application number 10/061880, Modular Mounting Arm, filed on 2/1/02. Claims 1-38 are pending.

#### ***Information Disclosure Statement***

The information disclosure statement submitted on 2/1/02 is in compliance with the provisions of 37 CFR 1.97. Accordingly, the information disclosure statement has been considered by the examiner.

#### ***Drawings***

Figure 2, 3C, 4B, 4C, 4D, 5B, 5C, 5D, 5E should be designated by a legend such as --Prior Art-- because only that which is old is illustrated. See MPEP § 608.02(g).

The drawings are objected to under 37 CFR 1.83(b) because they are incomplete. 37 CFR 1.83(b) reads as follows:

When the invention consists of an improvement on an old machine the drawing must when possible exhibit, in one or more views, the improved portion itself, disconnected from the old structure, and also in another view, so much only of the old structure as will suffice to show the connection of the invention therewith.

The drawings should contain a full view of the assembled device in order for the invention to be understood.

The drawings are objected to because they contain the same reference numerals as the prior art drawings. They should contain unique reference numerals in order for the invention to be understood.

A proposed drawing correction or corrected drawings are required in reply to the Office action to avoid abandonment of the application. The objection to the drawings will not be held in abeyance.

***Claim Rejections - 35 USC § 103***

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which the subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 1-38 are rejected under 35 U.S.C. 103(a) as being unpatentable over the prior art cited in Figs. 1-7 of application 10/061880, titled, the Modular Mounting Arm and in view of United States Patent No. 2151877 to Walker.

The prior art cited in Figs. 1-7 of application 10/061880 discloses applicant's basic inventive concept, an adjustable extension arm for mounting an electronic device thereto, the extension arm comprising a forearm extension (600) having a first end and a second end, including a first opening and second opening adjacent to respective ends, the first and second openings in communication with each other through a channel (900) provided within the forearm extension between the first and second ends, also having an elongated hollow body having first and second ends, a first coupling

Art Unit: 3632

attached to the first end of the body and a second coupling attached to the second end of the body. The prior art cited in Figs. 1-7 of application 10/061880 discloses that the first U-shaped coupling includes a first end having a bore therein adapted for pivotably mounting the forearm extension to the second end cap, and a second end attached within the first end of the body and the second U-shaped coupling includes a first end having a bore therein adapted for coupling an electronic device thereto, and a second end attached within the second end of the body and the first and second coupling each include a stop member limiting the extent of engagement of the second ends of the couplings within the first ends of the body.

The prior art cited in Figs. 1-7 of application 10/061880 also discloses the second endcap having an opening extending therethrough in communication with the first opening within the forearm extension for attachment of an electronic device thereto; a first endcap (100) having a first end attachable to a support structure; a second endcap (500) having a first end rotationally attached to the first end of the forearm extension (600), and elongated first and second channel members (200, 300) having first and second ends, the first and second channel members having an elongated hollow member providing a first cavity (400) extending therethrough.

The prior art cited in Figs. 1-7 of application 10/061880 does not show the elongated channel members being nested together to form a channel therebetween, with a reinforcing member having open ends, a wall, a bottom with two voids, received within the first cavity or a first, second, third and fourth roller units received within a respective open end of one of the reinforcing members, and the second ends of the

Art Unit: 3632

roller units having a cylindrical member used in order to adjust the length of the first and second channel members, the first and third rollers used as a stop and the second fourth rollers used to aid in this adjustment by reducing friction of the channels sliding together. The prior art cited in Figs. 1-7 of application 10/061880 does not show an aluminum fastener to secure the channel members and roller units.

Walker shows these features, elongated channel members (40, 41, 42, 43) being nested together to form a channel therebetween, with a reinforcing member having open ends (58) a wall and a bottom with two voids received within the first cavity, and a first, second, third and fourth roller units used in order to adjust the length of the first and second channel members, the first and third rollers (46) received within a respective open end of one of the reinforcing members, and the second ends of the roller units having a cylindrical member used as a stop and the second fourth rollers (51) used to aid in this adjustment by reducing friction of the channels sliding together. Walker also shows a fastener (47) to secure the channel members and roller units. Though the fastener is not specifically taught as aluminum, aluminum is a common material for fasteners and it would be obvious to select such a material. Therefore, it would be obvious to someone skilled in the art to modify the arm of the prior art cited in Figs. 1-7 of application 10/061880 with the features taught in Walker in order to make the arms easily adjustable in length and securely fastened.

The method of making is inherent from the structure cited above.

Art Unit: 3632

**Conclusion**

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

6409134 to Oddsen Jr. discloses a arm for mounting an electronic device

6273383 to Oddsen discloses an arm for mounting an electronic device

6257538 to Pangborn discloses an arm with nested channels

5628482 to Iravantchi discloses a nested arm

4208028 to Brown discloses a support apparatus with dual arms and end caps

3905311 to Carpentier discloses a nested arm with roller units

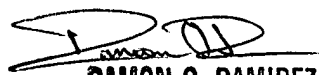
2731223 to Riccio discloses a adjustable dual armed device

Any inquiry concerning this communication should be directed to Amy J. Sterling at telephone number 703-308-3271. The examiner can normally be reached (M-F 8 a.m.-5:00 p.m.). If attempts to reach the examiner are unsuccessful, the examiner's supervisor, Leslie Braun can be reached at 703-308-2156. The fax machine number for the Technology center is 703-305-3597 or 703-305-3598 (formal amendments) or 703-308-3519 (informal amendments/communications).

Any inquiry of a general nature or relating to the status of this application should be directed to the Technology Center receptionist at 703-308-2168.



AJS  
Amy J. Sterling  
8/9/02

  
RAMON O. RAMIREZ  
PRIMARY EXAMINER  
ART UNIT 3553632